

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stephen D. HURST, et al.

Application No.: not yet known

Filed: Herewith

For: CYTOKINE USES;
COMPOSITIONS; METHODS

Examiner: not yet known

Art Unit: not yet known

Conf. No.: not yet known

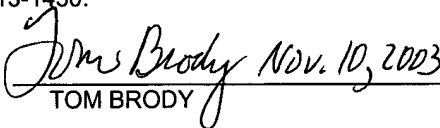
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
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Date of Deposit: November 10, 2003

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by:

 Nov. 10, 2003
TOM BRODY

INFORMATION DISCLOSURE STATEMENT

Sir:

The materials as listed in the attached Form PTO/SB/08 are brought to the Examiner's attention pursuant to the duty of disclosure under 37 C.F.R. § 1.56, § 1.97, and § 1.98. Attached please find Form PTO/SB/08 listing references AA-AU.

All references listed on the attached form PTO/SB/08 have been previously cited either by Applicants or the Examiner in the parent application, U.S. Patent Application No. 09/836,385, filing date April 17, 2001, and copies these references, and of a PCT Search Report dated December 10, 2001, should be available there. As such, these references will not be provided absent a specific request.

Citation of these documents should not be construed as a representation that the documents are in fact material or are in fact prior art with respect to the instant invention. The Examiner should not make any inference relating to the relative pertinence of cited references based upon the order in which the art is presented. Citation of these documents should not be construed as a representation that a search has been made or that more pertinent art may not be in existence.

Applicants request that the Examiner fully consider the art cited in the attached Form PTO/SB/08. Applicants further request that the Patent and Trademark Office list all such art on the front of any patent issuing from this application.

Applicants believe that no fees are due with this communication. Should this not be the case, the Commissioner is hereby authorized to debit any charges or refund any overpayments to DNAX Deposit Account No. 04-1239.

Respectfully submitted,

Date: November 10, 2003

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| | | | | Application Number | Not yet known |
| | | | | Filing Date | Herewith |
| | | | | First Named Inventor | Stephen D. HURST |
| | | | | Art Unit | Not yet known |
| | | | | Examiner Name | Not yet known |
| Sheet | 1 | of | 3 | Attorney Docket Number | DX01088KB |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | DOCUMENT NUMBER | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | AA | U.S. 6,562,578 | 05-13-2003 | GORMAN, et al. | Columns 1-2, 4, 6-7, 42-43. |
| | AB | U.S. 2003/0008815 | 01-09-2003 | CHEN, et al. | Columns 14, 22, 23. |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---------------------------|---|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear |
| | | Country Code ³ | Number ⁴ Kind Code ⁵ (if known) | | | |
| | AC | WO 00/42188 | | 07-20-2000 | GORMAN, et al. | |
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| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|-----------------------|---|--|--|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
| | AD | ASHOK R. AMIN and STEVEN B. ABRAMSON, <u>Curr. Op. Rheumatol.</u> , 10:263-268, 1998. "The role of nitric oxide in articular cartilage breakdown in osteoarthritis" | | |
| | AE | MARTINE CHABAUD, et al. <u>J. Immunol.</u> , 161: 409-414, 1998. "Enhancing effect of IL-17 on IL-1 Induced IL-6 and leukemia inhibitory factor production by rheumatoid arthritis synoviocytes and its regulations by Th2 Cytokines" | | |
| | AF | FRANCOIS FOSSIEZ, et al., <u>Int. Rev. Immunol.</u> , 16(5-6):541-551, 1998. "Interleukin-17" | | |
| | AG | MARY HITT, et al., <u>Advances in Pharmacology</u> , 40:137-206, 1997. "Human adenovirus vectors for gene transfer into mammalian cells" | | |

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| Examiner Signature | Date Considered |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. 1450, Alexandria, VA 22313-1450.

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| | | | | Application Number | Not yet known |
| | | | | Filing Date | Herewith |
| | | | | First Named Inventor | Stephen D. HURST |
| | | | | Art Unit | Not yet known |
| | | | | Examiner Name | Not yet known |
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| NON PATENT LITERATURE DOCUMENTS | | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ | |
| | AH | NEIL W. ISAACS, <u>Curr. Op. Struct. Biol.</u> , 5:391-395, 1995. "Cystine knots" | | |
| | AI | JACQUELINE KENNEDY, et al., <u>J. Interferon and Cytokine Research</u> , 16:611-617, 1996. "Mouse IL-17: a cytokine preferentially expressed by $\alpha\beta$ TCR ⁺ CD4 ⁺ CD8 ⁺ T Cells" | | |
| | AJ | MEE RHAN KIM, et al., <u>Blood</u> , 100(7):2330-2340, Sept. 2002. "Transgenic overexpression of human IL-17E results in eosinophilia, B-lymphocyte hyperplasia, and altered antibody production" | | |
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| | AL | NEIL Q. MCDONALD and WAYNE A. HENDRICKSON, <u>Cell</u> , 73:421-424, May 7, 1993. "A structural superfamily of growth factors containing a cystine knot motif" | | |
| | AM | G. PAN, et al., <u>J. Immunol.</u> , 167(11):6559-6567, 2001. "Forced expression of murine IL-17E induces growth, retardation, jaundice, a TH2-biased response, and multiorgan inflammation in mice" | | |
| | AN | ERIC ROUVIER, et al., <u>J. Immunol.</u> , 150(12):5445-5456, June 15, 1993. "CTLA-8, cloned from an activated T cell, bearing AU-Rich messenger RNA instability sequences, and homologous to a herpesvirus Saimiri gene" | | |
| | AO | HENG-FONG SEOW, <u>Vet. Immunol. Immunopath.</u> , 63:139-148, 1998. "Pathogen interactions with cytokines and host defence: an overview" | | |
| | AP | TALI SHALOM-BARAK, et al., <u>J. Biol. Chem.</u> , 273 (42): 27467-27473, October 16, 1998. "Interleukin-17-induced gene expression in articular chondrocytes is associated with activation of mitogen-activated protein kinases and NF- κ B" | | |
| | AQ | PETER D. SUN and DAVID R. DAVIES, <u>Annu. Rev. Biophys. Biomol. Struct.</u> , 24:269-291, 1995. "The cystine-knot growth-Factor superfamily" | | |
| | AR | MARCEL TEUNNISON, et. al., <u>J. Invest. Dermatol.</u> , 111:645-649, 1998. "Interleukin-17 and Interferon- γ synergize in the enhancement of proinflammatory cytokine production by human keratinocytes" | | |

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| Examiner Signature | | Date Considered | |
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| | | | | Examiner Name | Not yet known |
| Sheet | 3 | of | 3 | Attorney Docket Number | DX01088KB |

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| | AS | CEES VAN KOOTEN, et al., <u>J. Am. Soc. Nephrol.</u> , 9:1526-1534, 1998. "Interleukin-17 Activates Human Renal Epithelial Cells in Vitro and Is Expressed during Renal Allograft Rejection" | |
| | AT | ZHENGGBIN YAO, et al., <u>Immunity</u> , 3:811-821, December 1995. "Herpesvirus Saimiri encodes a new cytokine, IL-17, which binds to a novel cytokine receptor" | |
| | AU | ZHENGGBIN YAO, et al., <u>J. Immunol.</u> , 155:5483-5486, 1995. "Human IL-17: a novel cytokine derived from T cells" | |
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